

Imaging Knowledge Center

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Dear Imaging Knowledge Center community,

As of April 27, 2012 the Imaging Knowledge Center, as with all caBIG® Knowledge Centers, will no longer be operated by dedicated Knowledge Center staff. The online resources associated with the Knowledge Center, such as forums and wikis, will remain operational; however, new content on them from this date will be 100% community-provided, rather than provided by individuals and groups that are funded by NCI to do so. The Knowledge Center sites are open and free for all to use, and we encourage your continued active participation, so that users may continue to ask, and obtain answers to, pertinent questions relating to these informatics capabilities. Furthermore, please note that the former Knowledge Center personnel are free to continue to post to the Knowledge Center online resources as community members; they are simply no longer paid to do so.

In addition to the peer support made possible by the online resources of the Knowledge Centers, triaged direct support remains available from NCI Application Support which, as always, can be contacted by e-mail at ncicb@pop.nci.nih.gov or by telephone at 301-451-4384 (toll free: 888-478-4423). Support is available Monday to Friday, 9 a.m. to 5 p.m. US Eastern Time, excluding government holidays.

NCI's Center for Biomedical Informatics and Information Technology (CBIT) expects to continue the provision of informatics support currently provided by the Knowledge Centers, in a manner consistent with such feedback as we obtain from the NCAB ad hoc Informatics Oversight Committee, soon after the launch of the new National Cancer Informatics Program (NCIP). NCIP is not a renaming of the caBIG® program, but rather an opportunity to reevaluate and reshape how NCI supports the informatics needs of the cancer community. If you would like to voice concerns, questions or suggestions beyond immediate requests for support, please contact Anthony Kerlavage (anthony.kerlavage@nih.gov).

About the Imaging Knowledge Center

The Imaging Knowledge Center provides a centralized, authoritative repository of knowledge, information, and web-based support to facilitate the deployment and ongoing development of tools, standards, and infrastructure in the Imaging domain. The Knowledge Center provides a platform for fostering open source development of Imaging tools.

For first-time visitors

To participate in the Imaging KC forum by posting or adding entries into the defect tracking and feature request system, [create a free account](#).

After receiving your account credentials, you can post messages to the forums. To receive e-mail notification when responses to your posts are made, simply click the "subscribe forum" or "subscribe topic" link at the bottom of the page.

If you have been using other e-mail lists for the tools associated with the Imaging KC and listed below, please be advised that forums hosted by this Knowledge Center will gradually become the main vehicle for your comments and questions on the tools. The e-mail lists will be used mainly for community announcements. Please let us know about your experience with this new channel of communication by selecting the [Feedback](#) link.

What's New?

Visit the [news page](#) for the latest announcements and details about new software releases:

- Secure Token Service (STS) 1.0 was released on 12/28/2011
- National Biomedical Imaging Archive (NBIA) 5.0.2 was released on 4/25/2011
- Algorithm Validation Toolkit (AVT) 2.0 was released on 12/4/2010
- Annotation Imaging Markup (AIM) Data Model and Toolkit 3.0 was released on 10/10/10

Visit [caBIG Imaging in Recent Publications](#) for additional news and information.

Learn about and Access Tools

Information is provided about the following tools, including a tool summary page that provides an overview of the tool with links to resources, wiki pages with additional information about the tool, forums to post questions or comments, a bug tracker and feature request system, and the developer's code repository.

- [National Biomedical Imaging Archive - NBIA](#)
- [Annotation and Image Markup - AIM](#)
- [In Vivo Imaging Middleware - IVIM and Virtual PACS](#)
- [eXtensible Imaging Platform - XIP](#)
- [Algorithm Validation Toolkit - AVT](#)
- [Imaging Workstations](#)

Integration of Tools

There is extensive integration among tools within the imaging workspace and with tools from other workspaces. For example, the ClearCanvas workstation can retrieve imaging and associated data directly from the NBIA hosted at the National Cancer Institute. The user can then upload an AIM template, created using the AIM template service, to annotate and mark up the images. Once the annotation and markup is finished, the AIM data can be submitted and stored in the AIM data service. Then, through use of calIntegrator2 from the Integrative Cancer Research workspace, the AIM data can be queried and analyzed. To learn how to use these tools together, refer to the individual tool wiki pages as well as the forums (End Users forum and Developers forum) dedicated to the integration of these tools.

Access to these pages and forums is available through the [Knowledge Centers](#).

Refer also to [caBIG Case Study](#).

Visit the Imaging Knowledge Center Forums

This [Forum](#) allows visitors to submit questions and comments that are beyond the scope of any specific tool but that are within the domain addressed by the Imaging Knowledge Center.

Related Links

- [Imaging Workspace](#) (On caBIG® Community Website)
- [Support Service Provider Listing](#) (On caBIG® Community Website)
- [caBIG® Community Website](#)